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DEPARTMENT OF NATURAL RESOURCES

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Outgoing
C0670041
#4143
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September 6, 2012

David Hibbs, Resident Agent
West Ridge Resources, Inc.
P.O. Box 910
East Carbon, Utah 84520-0910

Subject: Division Order to Update the Probable Hydrologic Consequences, West Ridge Resources, Inc., West Ridge Mine, C/007/0041, DO-12A (Task ID #4143)

Dear Mr. Hibbs:

The Division has reviewed your application to update the Probable Hydrologic Consequences at the West Ridge Mine. The Division has identified deficiencies that must be addressed before final approval can be granted. The deficiencies are listed as an attachment to this letter.

The initials of the deficiencies authors are provided so that your staff can communicate directly with that individual should questions arise. The plans as submitted are denied. Please resubmit the entire application.

If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock
Coal Program Manager

DRH/IC/ss
cc: Price Field Office
O:\007041.WR\WG4143\Deficiencies.docm



Deficiency List

Task No. 4143

DO-12A

Members of the review team with outstanding deficiencies:

Steve Christensen (SC)

James Owen (JO)

R645-301-724, -724.100: The Permittee must provide additional geologic information relative to the encountered fault systems within the West Ridge Mine and the resulting mine water inflows. As discussed on pages 7-36, 7-38 and 7-39, the Permittee indicates that fault- and fracture-related groundwater inflows have been encountered within the mine workings. Based upon personal communications between Division staff and West Ridge personnel (Personal Communication, Dave Shaver 2010-2011), the majority of water encountered in the mine was the result of fault/fracture zone interception in at least two areas of the mine workings (particularly during the advancement of Panel 16). It's unclear if the isotopic data and discussion presented in Appendix 7-17 is representative of these significant mine inflows as a result of the mine workings intercepting a fault system.

The Permittee must provide additional discussion/data relative to the encountered fault systems. The Permittee must provide further discussion as to whether or not the data presented in Appendix 7-17 is representative of the mine-water encountered from the fault systems identified by West Mine personnel. Please provide a map that depicts the locations of the encountered fault systems within the mine. If possible, additional solute and isotopic data should also be collected and analyzed in the areas of these encountered fault systems. (SC)